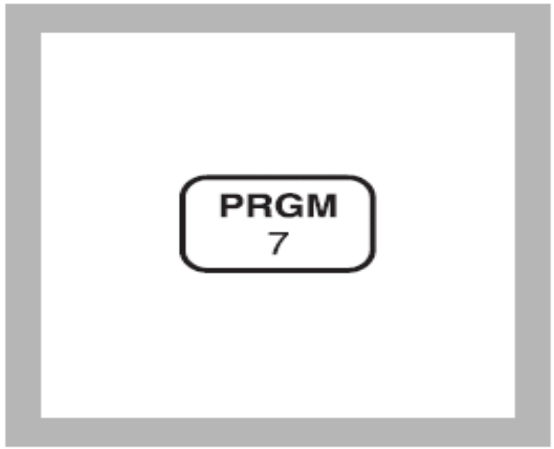
SUSPENDED SOLIDS

(0 to 750 mg/L) Method 8006
For water and wastewater
Photometric Method*
(Also called Nonfilterable Residue)



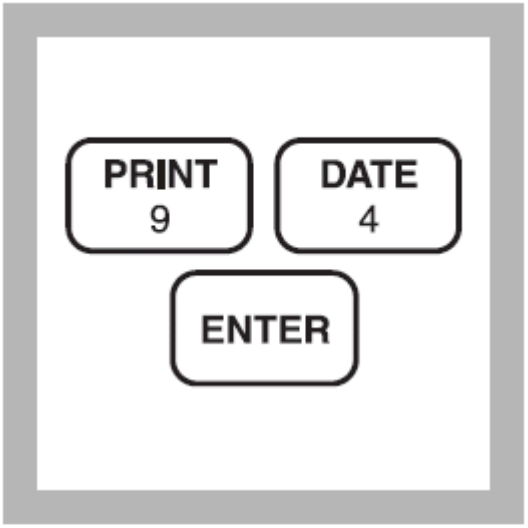
1. Enter the stored program number for suspended solids.

Press: **PRGM**

The display will show:

PRGM ?

SUSPENDED SOLIDS



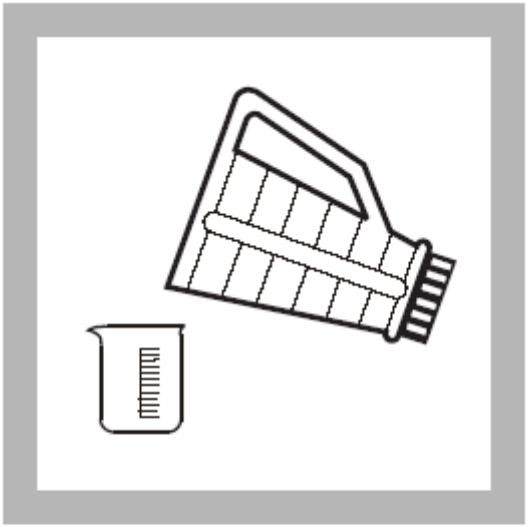
2. Press: **94 ENTER**

The display will show **mg/L, SuSld** and the **ZERO** icon.

SUSPENDED SOLIDS

3. Blend 500 mL of sample in a blender at high speed for exactly 2 minutes.

SUSPENDED SOLIDS



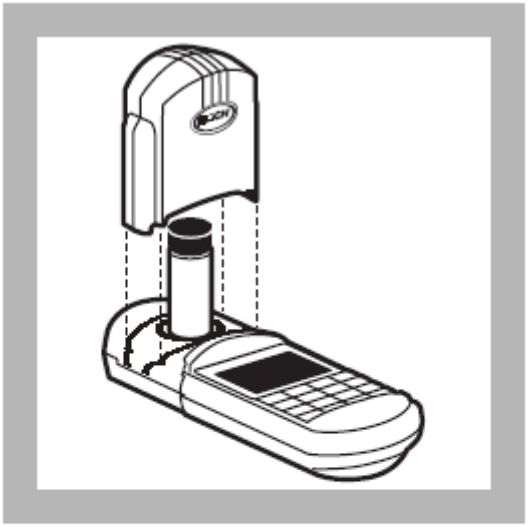
4. Pour the blended sample into a 600-mL beaker.

SUSPENDED SOLIDS

5. Fill a sample cell with 25 mL of tap water or deionized water (the blank).

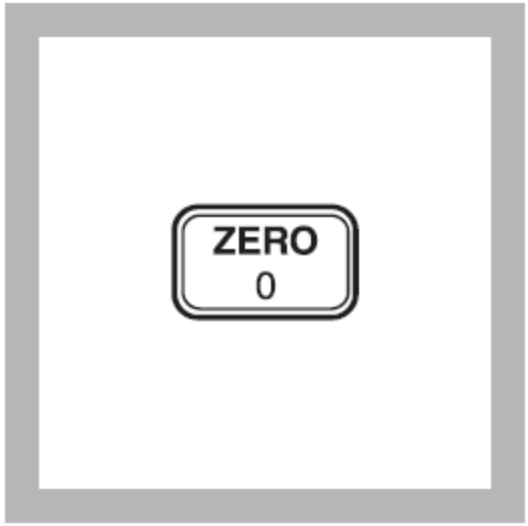
Note: *Remove gas bubbles in the water by swirling or tapping the bottom of the cell on a table.*

SUSPENDED SOLIDS



6. Place the blank in the cell holder. Tightly cover the sample cell with the instrument cap.

SUSPENDED SOLIDS



7. Press: **ZERO**

The cursor will move to the right, then the display will show:

0 mg/L SuSld

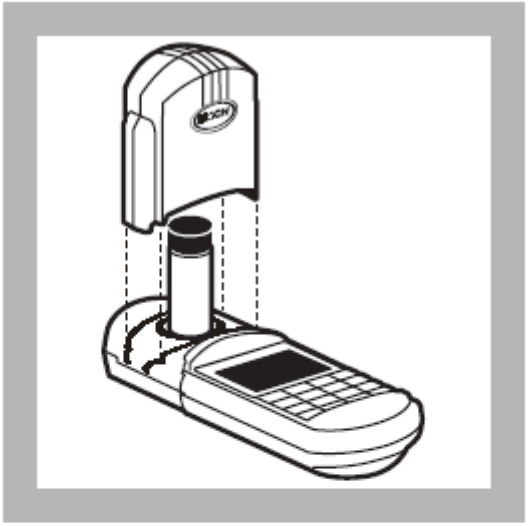
SUSPENDED SOLIDS

8. Stir the sample thoroughly and immediately pour 25 mL of the blended sample into a sample cell (the prepared sample).

SUSPENDED SOLIDS

9. Swirl the prepared sample cell to remove any gas bubbles and uniformly suspend any residue.

SUSPENDED SOLIDS



10. Place the prepared sample into the cell holder. Tightly cover the sample cell with the instrument cap.

SUSPENDED SOLIDS

11. Press: **READ**

The cursor will move to the right, then the result in mg/L suspended solids will be displayed.